

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047056 A1

(51) International Patent Classification⁷: B60N 2/56

(21) International Application Number:
PCT/SE2004/001654

(22) International Filing Date:
15 November 2004 (15.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0303056-6 17 November 2003 (17.11.2003) SE

(71) Applicant (for all designated States except US): KONGS-
BERG AUTOMOTIVE AB [SE/SE]; Box 504, S-565 28
Mullsjö (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GASIC, Nino
[SE/SE]; Ebbesvägen 3, S-561 39 Huskvarna (SE).

WESTH, Gustav [SE/SE]; Österåsvägen 5, S-565 32
Mullsjö (SE). ÖBERG, Peter [SE/SE]; Skolvägen 21,
S-560 42 Sandhem (SE). SAREN, Jari [SE/SE]; Spån-
hultsvägen 24, S-562 31 Norrahammar (SE).

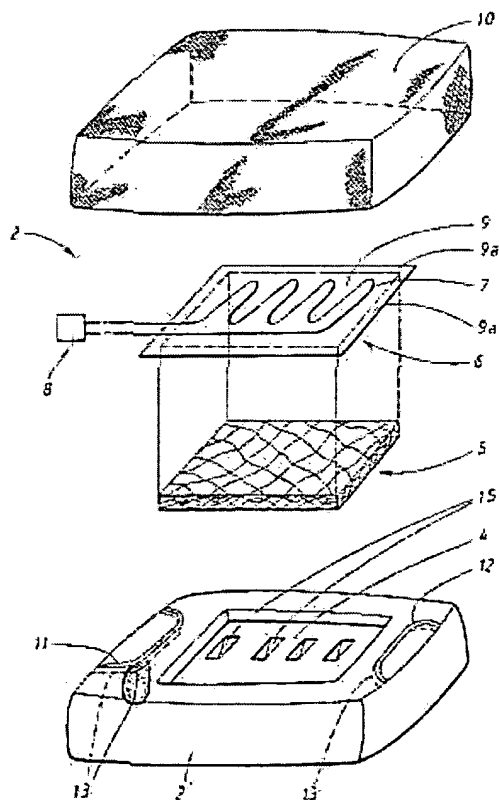
(74) Agent: ALBIHNS GÖTEBORG AB, Box 142, S-401 22
Göteborg (SE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TN,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: ARRANGEMENT FOR VENTILATION OF A VEHICLE SEAT



(57) Abstract: The invention relates to an arrangement for ventila-
tion of a vehicle seat (1), which arrangement comprises an air-dis-
tributing material (5) and an electric heating element (6) comprising
at least one electrically conductive component (7) arranged in a pat-
tern in conjunction with at least one support (9), where the vehicle seat
(1) comprises a bottom part (2) which is adapted for ventilation by
blowing air in or sucking air out via at least one passage (15) through
the bottom part (2) and on through the said air-distributing material
(5). According to the invention, The said support (9), heating ele-
ment (6) and air-distributing material (5) are manufactured as an in-
tegrated arrangement adapted for mounting in conjunction with the said
vehicle seat (1), the said air-distributing material (5) being designed
as at least one unit which is dimensioned for mounting in a corre-
spondingly designed cutout (4) in the vehicle seat (1). By means of
the invention, an improved arrangement for heating and ventilation
of a seat in a vehicle is obtained.

WO 2005/047056 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only